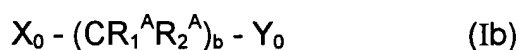


oligourethanes having a branched structure, optionally crosslinked, formed of the following monomers and macromers:

- a) aliphatic, cycloaliphatic or aromatic polyisocyanates, having NCO functionality, determined by titration with dibutylamine-HCl (ASTM D2572), higher than 2;
- b) bifunctional hydrogenated monomers wherein the two functions are chemically different, having general formula:



wherein:

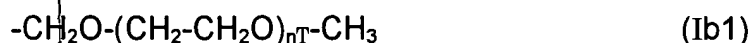
R_1^A and R_2^A , equal to or different from each other, are H, aliphatic radicals from 1 to 10 carbon atoms,

b is an integer in the range 1-20,

$X_0 = X_A H$ with $X_A = O, S$,

Y_0 is anionic or cationic salifiable function, or, when in the formula (Ib) $X_0 = OH$,

$b = 1$, $R_1^A = R_2^A = H$, Y_0 is a hydrophilic group having formula



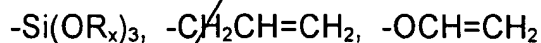
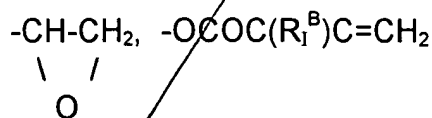
wherein nT is an integer in the range 3-20;

and one or more of the following compounds:

- c) bifunctional hydroxyl (per)fluoropolyethers having a number average molecular weight in the range 400-3,000;
- e) monofunctional hydroxyl (per)fluoropolyethers (e^0) or monofunctional hydroxyl (per)fluoroalkanes (e'), said compounds (e^0) and (e') having a number average molecular weight in the range 300-1,000,

and optionally the following compounds:

- d) hydrogenated monomers capable to insert a crosslinkable chemical function in the oligourethane, having the formula (Ib), wherein R_1^A , R_2^A , b and X_0 are as above defined and Y_0 is selected from the following functional groups:



wherein

$R_1^B = \text{H, CH}_3$;

R_x is a saturated $\text{C}_1\text{-C}_5$;

- dⁱ) hydrogenated-active compounds, capable to form bonds with the NCO functions stable at the hydrolysis by labile to heat.

Claim 23 (Amended). The method according to claim 17, wherein the number average molecular weight of c) bifunctional hydroxyl (per)fluoropolyethers (PFPE diols) is in the range 700-2,000.

Claim 24 (Amended). The method according to claim 17, wherein the number average molecular weight of e) monofunctional hydroxyl (per)fluoropolyethers (e^0) or monofunctional hydroxyl (per)fluoroalkanes (e') is in the range 400-800.